

**AMENDMENTS TO THE CLAIMS**

1. (Currently Amended) A circuit comprising:
  - a first transistor;
  - a second transistor that is arranged to operate as a cascode transistor in cooperation with the first transistor, as a telescopic cascode arrangement; and
  - a keeper switch circuit including three terminals that are respectively coupled to a gate, a drain, and a source of the second transistor.
2. (Original) The circuit of Claim 1, wherein
  - the second transistor is configured to receive a first cascode bias voltage at the gate of the second transistor, and wherein
    - the first cascode bias voltage is suitable for biasing a cascode transistor.
3. (Original) The circuit of Claim 1, wherein
  - the keeper switch circuit is configured to influence a resistance between the source and the gate of the second transistor in response to a control signal.
4. (Original) The circuit of Claim 1, wherein
  - the keeper switch circuit is configured to:
    - receive a control signal at the drain of the second transistor; and
    - couple the source of the second transistor to the gate of the second transistor if the control signal corresponds to a first logic level.
5. (Original) The circuit of Claim 4, wherein
  - the keeper switch circuit is further configured to isolate the source of the second transistor from the gate of the second transistor if the control signal corresponds to a second logic level.
6. (Currently Amended) The circuit of Claim 1, wherein
  - the keeper switch circuit comprises a keeper transistor including:
    - a gate that is coupled to the drain of the second transistor;
    - a source that is coupled to one of a group consisting of the source of the second transistor and the gate of the second transistor; and
    - a drain that is coupled to the other of the group consisting of the source of the second transistor and the gate of the second transistor.
7. (Currently Amended) The circuit of Claim 6, wherein
  - the second transistor is one of a group consisting of an n-type transistor and a p-type transistor, and the keeper transistor is the one of the group consisting of the n-type transistor and the p-type transistor.

8. (Currently Amended) The circuit of Claim 6, wherein the second transistor is one of a group consisting of an n-type transistor and the p-type transistor, and the keeper transistor is the other of the group consisting of the n-type transistor and the p-type transistor.

9. (Original) The circuit of Claim 1, further comprising: a third transistor; a fourth transistor that is arranged to operate as a cascode transistor in cooperation with the third transistor; and another keeper switch circuit including three terminals that are respectively coupled to a gate, a drain, and a source of the fourth transistor.

10. (Currently Amended) The circuit of Claim 9, wherein the other keeper switch circuit comprises a fifth transistor including: a gate that is coupled to the drain of the fourth transistor, a source that is coupled to one of a group consisting of the source of the fourth transistor and the gate of the second transistor, and a drain that is coupled to the other of the group consisting of the source of the fourth transistor and the gate of the second transistor.

11. (Original) A logic circuit comprising: a first transistor; a second transistor that is arranged to operate as a cascode transistor in cooperation with the first transistor, wherein the second transistor includes: a gate that is coupled to a bias node, a drain that is coupled to a first output node, and a source that is coupled to a second output node; a third transistor; a fourth transistor that is arranged to operate as a cascode transistor in cooperation with the third transistor, wherein the fourth transistor includes: a gate that is coupled to the bias node, a drain that is coupled to a first complement output node, and a source that is coupled to a second complement output node, a first keeper switch circuit that is coupled to the bias node, the second complement output node, and the second output node, and a second keeper switch circuit that is coupled to the bias node, second output node, and the second complement output node.

12. (Original) The logic circuit of Claim 11, wherein the second transistor is configured to receive a first cascode bias voltage at the bias node, wherein the first cascode bias voltage is suitable for biasing a cascode transistor.

13. (Original) The logic circuit of Claim 11, wherein the first keeper switch circuit is configured to influence a resistance between the second output node and the bias node in response to a control signal.

14. (Original) The logic circuit of Claim 11, wherein the first keeper switch circuit is configured to:  
receive a control signal at the second complement output node;  
couple the second output node to the bias node if the control signal corresponds to a first logic level; and  
isolate the second output node from the bias node if the control signal corresponds to a second logic level.

15. (Original) The logic circuit of Claim 11, wherein the logic circuit is arranged to operate as a level shifter circuit.

16. (Currently Amended) The logic circuit of Claim 11, wherein the first keeper switch circuit comprises a keeper transistor including:  
a gate that is coupled to the second complement output node,  
a source that is coupled to one of a group consisting of the second output node and the bias node, and  
a drain that is coupled to the other of the group consisting of the second output node and the bias node.

17. (Currently Amended) The logic circuit of Claim 16, wherein the second transistor is one of a group consisting of an n-type transistor and a p-type transistor, and the keeper transistor is the other of the group consisting of the n-type transistor and the p-type transistor.

18. (Currently Amended) The logic circuit of Claim 11, wherein the second keeper switch circuit comprises a fifth transistor including:  
a gate that is coupled to the second output node,  
a source that is coupled to one of a group consisting of the second complement output node and the bias node, and  
a drain that is coupled to the other of the group consisting of the second complement output node and the bias node.

19. (Currently Amended) The logic circuit as in Claim 18, wherein the first keeper switch circuit comprises a keeper transistor, and wherein the second transistor is one of a group consisting of an n-type transistor and a p-type transistor, the keeper transistor is the other of the group consisting of the n-type transistor and the p-type transistor, and the fifth transistor is the other of the n-type transistor and the p-type transistor.

20. (Currently Amended) A circuit comprising:  
a transistor that is configured as a cascode transistor in a telescopic cascode configuration; and  
means for coupling a source of the transistor to a gate of the transistor if a voltage associated with a drain of the transistor corresponds to a first logic level.

21. (New) The circuit of Claim 1, wherein  
the first transistor is biased as one of a common source transistor or a common emitter transistor; and  
the second transistor is biased as one of a common gate transistor or a common base transistor.